Subject: Contour labels in IDL 8.0
Posted by OUWxGuesser on Tue, 05 Oct 2010 15:32:20 GMT
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Greetings,

I'm having a heck of a time trying to get my contour labels to look
reasonable in IDL 8.0.

If I use a y axis that is in reverse (for example plotting atmospheric
pressure data from 1000 mb (at y=0) up to 100mb (y=36 in this case),
all of my labels are flipped vertically (not upside-down). I have
tried to specify the baseline and updir in the contour command in
combination with setting C_USE_LABEL_ORIENTATION=1, but these fail to
change the labels. Very frustrating.

Here's a snippet of code:

 data=fltarr(12,37)   (for reference)

yvals=[1000,850,700,600,500,400,300,200,100]

x=indgen(12)+1

p=1000-25*indgen(37)

image=contour(data,x,p,n_levels=ncol,c_value=clevs,/
ylog,yrange=[1000,100],xrange=[1,12],$
 ytickv=yvals,xtickv=x,C_USE_LABEL_ORIENTATION=1,C_LABEL_SHOW =[0,1])

(I omitted the baseline/updir keywords... I tried just about every
combination of 0,1,-s, but nothing seems to impact the labeling.

If any of you can find something inherently wrong with my code OR know
how to get this to work I would be extremely happy! Other than this
issue, I've been relatively pleased with the transition to the new
graphics system.